ELSEVIER

28 March 1994

PHYSICS LETTERS A

Physics Letters A 186 (1994) 441–446

Author Index to Volume 186

Akheyan, A.Z. and N.S. Ananikian, Antiferromagnetic Potts model: phase transition through doubling bifurcation 186 (1994) 171
Amusia, M.Ya. and A.V. Korol', On the continuous spectrum electromagnetic radiation in electron–fullerene collisions 186 (1994) 230
Ananikian, N.S., see Akheyan, A.Z. 186 (1994) 171
Avan, J., see Billey, E. 186 (1994) 114

Babelon, O., see Billey, E. 186 (1994) 114
Balkovsky, E., Some notes on the Clebsch representation for incompressible fluids 186 (1994) 135
Barabanov, A.F. and V.M. Beresovsky, Checkerboard–spin liquid–stripe state continuous transition in a $S=\frac{1}{2}$ frustrated Heisenberg antiferromagnet on a square lattice 186 (1994) 175
Barash, Yu.S. and A.S. Mel'nikov, Vortex lattice distortions in hexagonal unconventional superconductors 186 (1994) 259
Beg, M.M., M. Shabbir, M. Zakaullah and G. Murtaza, Pressure range broadening for a plasma focus operation 186 (1994) 335
Benford, G., see Zhai, X. 186 (1994) 330
Beresovsky, V.M., see Barabanov, A.F. 186 (1994) 175
Billey, E., J. Avan and O. Babelon, The *r*-matrix structure of the Euler–Calogero–Moser model 186 (1994) 114
Biskamp, D., S.J. Camargo and B.D. Scott, Spectral properties and statistics of resistive drift-wave turbulence 186 (1994) 239
Blumenfeld, R., Two-dimensional Laplacian growth can be mapped onto Hamiltonian dynamics 186 (1994) 317
Bode, M., see Ruwisch, D. 186 (1994) 137
Braginsky, V.B. and F.Ya. Khalili, "Maxwell demon" in quantum-non-demolition measurements 186 (1994) 15
Braginsky, V.B., V.P. Mitrofanov and K.V. Tokmakov, On the thermal noise from the violin modes of the test mass suspension in gravitational wave antennae 186 (1994) 18
Bužek, V., see Kim, M.S. 186 (1994) 283

Camargo, S.J., see Biskamp, D. 186 (1994) 239
Capponi, J.J., see Tholence, J.L. 186 (1994) 366
Carroll, T.L., J. Heagy and L.M. Pecora, Synchronization and desynchronization in pulse coupled relaxation oscillators 186 (1994) 225
Chaillout, C., see Tholence, J.L. 186 (1994) 366
Chen, X., see Kuang, L.-M. 186 (1994) 8
Chern, J.-L., Information transport and memory recovery in delay-induced chaotic-switching phenomena 186 (1994) 107

Chruściński, D., Symplectic structure for the non-Abelian geometric phase 186 (1994) 1
Chumakov, A.I., see Isaenko, S.A. 186 (1994) 274

Dang Van Soa, see Hoang Ngoc Long 186 (1994) 382
De Cesare, L., Critical properties of systems with transverse long-range correlated disorder 186 (1994) 179
Diep, H.T., see Nagai, O. 186 (1994) 359
Domokos, P. and J. Janszky, Interaction of Schrödinger cats in optical processes 186 (1994) 289
Dore, J.C., see Farman, H. 186 (1994) 410

Ehrenstein, U., Secondary bifurcations in plane Poiseuille flow with three interacting modes 186 (1994) 403
Elliott, S.R., see Farman, H. 186 (1994) 410

Fabian, J., Optical conductivity of the Hubbard model in the strong coupling regime 186 (1994) 269
Fan, H. and S. Yu, Nonlinear operators and nonlinear transformations studied via the differential form of the completeness relation in quantum mechanics 186 (1994) 74
Farman, H., J.C. Dore and S.R. Elliott, Intermediate-range order in amorphous phosphorus 186 (1994) 410
Ferrando, R., E. Scalas and M. Torri, Projection-operator route to the generalized Darken equation 186 (1994) 415
Fisher, A., see Zhai, X. 186 (1994) 330
Flätgen, G., see Hirsch, M. 186 (1994) 157
Foias, C., M.S. Jolly, I.G. Kevrekidis and E.S. Titi, On some dissipative fully discrete nonlinear Galerkin schemes for the Kuramoto–Sivashinsky equation 186 (1994) 87
Fritzsche, S. and I.P. Grant, On the ab initio calculation of the $^5S^o_2$–$^3P^e_J$ intercombination transitions in P II: relativity and electron relaxation 186 (1994) 152
Fu, S., see Han, Z. 186 (1994) 265
Fussy, S. and G. Grössing, Fractal evolution of normalized feedback systems on a lattice 186 (1994) 145

Garate, E., see Zhai, X. 186 (1994) 330
Ghatak, S.K., see Sengupta, K. 186 (1994) 419
Ginzburg, N.S., I.V. Zotova and A.S. Sergeev, Langmuir wave excitation by a sheet relativistic electron beam in a homogeneous magnetized plasma 186 (1994) 235
Gluskin, E., Locally perturbed liquid flow as a "system" with two inputs 186 (1994) 203
Gong, L., see Han, Z. 186 (1994) 265
Govinder, K.S. and P.G.L. Leach, Ermakov systems: a group theoretic approach 186 (1994) 391
Grant, I.P., see Fritzsche, S. 186 (1994) 152
Griffin, M.S. and H.H. Soonpaa, Electric field dependent magnetoconductance in a two-dimensional system with strong localization 186 (1994) 426
Grössing, G., see Fussy, S. 186 (1994) 145

Hai, W., Kink couples in deoxyribonucleic acid (DNA) double helices 186 (1994) 309
Han, Z., J. Shi, H. Tao, L. Gong, S. Fu, C. Shi and X. Zhang, Photovoltaic effect of a metal/porous silicon/silicon structure 186 (1994) 265
Hasegawa, H.H. and E. Luschei, Exact power spectrum for a system of intermittent chaos 186 (1994) 193
Häuser, T., W. Scheid and H. Hora, Acceleration of electrons by intense laser pulses in vacuum 186 (1994) 189
Heagy, J., see Carroll, T.L. 186 (1994) 225
Hirsch, M., A. Kittel, G. Flätgen, R.P. Huebener and J. Parisi, Characteristic time scales determining current filamentation in p-germanium 186 (1994) 157

Ho, K.S., see Zhang, S.L. 186 (1994) 433
Hoang Ngoc Long, Dang Van Soa and Tran Anh Tuan, The conversion of gravitons into photons in a periodic external electromagnetic field 186 (1994) 382
Hora, H., see Häuser, T. 186 (1994) 189
Horiguchi, T., see Nagai, O. 186 (1994) 359
Hou, Y.T., see Zhang, S.L. 186 (1994) 433
Hu, Y., D. Tian and Z. Liu, Collective excitations in a three-dimensional diatomic Penrose lattice 186 (1994) 250
Huang, Y.Z., see Zhu, W.J. 186 (1994) 364
Huebener, R.P., see Hirsch, M. 186 (1994) 157

Inoue, A., see Zhang, G.W. 186 (1994) 345
Isaenko, S.A., A.I. Chumakov and S.I. Shinkarev, Studies of grazing incidence reflection of nuclear γ-radiation from ^{57}Fe film 186 (1994) 274
Ishikawa, K. and N. Maeda, A mean field analysis of a one-dimensional quantum liquid with long range interaction 186 (1994) 65

Janszky, J., see Domokos, P. 186 (1994) 289
Jezequel, L., see Malasoma, J.-M. 186 (1994) 126
Jiřička, J., see Krása, J. 186 (1994) 279
Jolly, M.S., see Foias, C. 186 (1994) 87

Kabanov, V.V. and D.K. Ray, Comment on "The spectral function of a one-dimensional Holstein polaron" by F. Marsiglio 186 (1994) 438
Kamchatnov, A.M., Whitham equations in the AKNS scheme 186 (1994) 387
Kang, M., see Nagai, O. 186 (1994) 359
Karpman, V.I., Stationary solitary waves of the fifth order KdV-type equations 186 (1994) 300
Karpman, V.I., Radiating solitons of the fifth order KdV-type equations 186 (1994) 303
Kevrekidis, I.G., see Foias, C. 186 (1994) 87
Khalili, F.Ya., see Braginsky, V.B. 186 (1994) 15
Kim, M.G., see Kim, M.S. 186 (1994) 283
Kim, M.S., V. Bužek and M.G. Kim, Generation of phase-sensitive nonclassical effects via decay of light into a phase-insensitive environment 186 (1994) 283
Kitamura, T., A quantum field theory of localized and resonant modes in a 1-d nonlinear lattice 186 (1994) 351
Kittel, A., see Hirsch, M. 186 (1994) 157
Komarov, I.V. and E.I. Novikov, Spectral surface for the quantum Goryachev–Chaplygin top 186 (1994) 396
Korol', A.V., see Amusia, M.Ya. 186 (1994) 230
Krása, J., M. Lokajíček and J. Jiřička, Transmittance of a laser beam through a pair of crossed polarizers 186 (1994) 279
Krive, I.V. and A.A. Krokhin, Excitonic mechanism of Aharonov–Casher oscillations 186 (1994) 162
Krokhin, A.A., see Krive, I.V. 186 (1994) 162
Kuang, L.-M. and X. Chen, Coherent state formalism for the Pegg–Barnett Hermitian phase theory 186 (1994) 8
Kuratsuji, H., see Ono, H. 186 (1994) 255

Laborde, O., see Tholence, J.L. 186 (1994) 366

Lamarque, C.-H., see Malasoma, J.-M. 186 (1994) 126
Lau, Y.K., On the second order phase transition of a Reissner–Nordstrom black hole 186 (1994) 41
Leach, P.G.L., see Govinder, K.S. 186 (1994) 391
Li, B., see Zhang, D. 186 (1994) 47
Li, J., see Zhang, S.L. 186 (1994) 433
Li, Y., see Zhang, D. 186 (1994) 47
Liboff, R.L., Feasibility of heavy-boson superconductivity 186 (1994) 167
Liu, F. and M. Shaw, New solution for exchange scattering with $S=1$ in dilute alloys 186 (1994) 423
Liu, Z., see Hu, Y. 186 (1994) 250
Lloyd, P., see Rice, D.A. 186 (1994) 21
Lokajíček, M., see Krása, J. 186 (1994) 279
Luschei, E., see Hasegawa, H.H. 186 (1994) 193

Maeda, N., see Ishikawa, K. 186 (1994) 65
Malasoma, J.-M., C.-H. Lamarque and L. Jezequel, Numerical observation of an intermittent transition from an equilibrium point to a chaotic attractor 186 (1994) 126
Marezio, M., see Tholence, J.L. 186 (1994) 366
Markus, M., see Ruwisch, D. 186 (1994) 137
Mel'nikov, A.S., see Barash, Yu.S. 186 (1994) 259
Miki, K., Creation/annihilation operators and form factors of the XXZ model 186 (1994) 217
Mitrofanov, V.P., see Braginsky, V.B. 186 (1994) 18
Murtaza, G., see Beg, M.M. 186 (1994) 335

Nagai, O., M. Kang, T. Horiguchi and H.T. Diep, Spin structure of the antiferromagnetic continuous-spin Ising model on a stacked-triangular lattice 186 (1994) 359
Nakahara, M., Fredholm determinant and the Sturm–Liouville problems in quantum mechanics 186 (1994) 51
Ne'eman, Y., Localizability and the Planck mass 186 (1994) 5
Novikov, E.I., see Komarov, I.V. 186 (1994) 396

Oevel, W., A note on the Poisson brackets associated with Lax operators 186 (1994) 79
Okopińska, A., see Vlachos, K. 186 (1994) 375
Ol'shaniĭ, M.A., Berry-phase-induced achromatic phase plate for atomic interferometry 186 (1994) 369
Ono, H. and H. Kuratsuji, Generalized Hamiltonian dynamics for vortices in two-dimensional spin systems 186 (1994) 255
Osborne, C.F., see Rice, D.A. 186 (1994) 21
Ota, S. and S.B. Ota, Microcanonical Monte Carlo simulations of the first-order transition in a 2D classical XY-model 186 (1994) 103
Ota, S.B., see Ota, S. 186 (1994) 103
Özçelik, S., see Şimşek, M. 186 (1994) 35

Panjkov, A.A. and E.R. Smith, Virial binding and the solvent cage effect 186 (1994) 183
Papanicolaou, N., Adiabatic dynamics of magnetic vortices 186 (1994) 119
Parisi, J., see Hirsch, M. 186 (1994) 157
Pecora, L.M., see Carroll, T.L. 186 (1994) 225
Peng, Z.L., see Zhang, S.L. 186 (1994) 433
Prohaska, R., see Zhai, X. 186 (1994) 330

Qiao, Z., A finite-dimensional integrable system and the involutive solutions of the higher-order Heisenberg spin chain equations 186 (1994) 97

Ray, D.K., see Kabanov, V.V. 186 (1994) 438
Rice, D.A., C.F. Osborne and P. Lloyd, Multiparticle interference 186 (1994) 21
Ruwisch, D., M. Bode, P. Schütz and M. Markus, Parallel analog computation of coupled cell cycles with electrical oscillators 186 (1994) 137

Scalas, E., see Ferrando, R. 186 (1994) 415
Scheid, W., see Häuser, T. 186 (1994) 189
Schütz, P., see Ruwisch, D. 186 (1994) 137
Scott, B.D., see Biskamp, D. 186 (1994) 239
Sengupta, K. and S.K. Ghatak, Effect of hybridization on superconductivity in quasi-two-dimensional systems 186 (1994) 419
Sergeev, A.S., see Ginzburg, N.S. 186 (1994) 235
Sergienko, A.V., see Shih, Y.H. 186 (1994) 29
Shabbir, M., see Beg, M.M. 186 (1994) 335
Shaw, M., see Liu, F. 186 (1994) 423
Shi, C., see Han, Z. 186 (1994) 265
Shi, J., see Han, Z. 186 (1994) 265
Shih, Y.H. and A.V. Sergienko, Two-photon anti-correlation in a Hanbury Brown–Twiss type experiment 186 (1994) 29
Shinkarev, S.I., see Isaenko, S.A. 186 (1994) 274
Şimşek, M. and S. Özçelik, Bound state solutions of the Schrödinger equation for reducible potentials: general Laurent series and four-parameter exponential-type potentials 186 (1994) 35
Smith, E.R., see Panjkov, A.A. 186 (1994) 183
Soonpaa, H.H., see Griffin, M.S. 186 (1994) 426
Souletie, B., see Tholence, J.L. 186 (1994) 366
Stadnik, Z.M., see Zhang, G.W. 186 (1994) 345
Stenflo, L., Acoustic gravity vortex chains 186 (1994) 133

Tao, H., see Han, Z. 186 (1994) 265
Tholence, J.L., B. Souletie, O. Laborde, J.J. Capponi, C. Chaillout and M. Marezio, Rebuttal to the Comment by Zhu et al. on "Zero resistance around 250 K in superconducting Hg compounds?" 186 (1994) 366
Tian, D., see Hu, Y. 186 (1994) 250
Titi, E.S., see Foias, C. 186 (1994) 87
Tokmakov, K.V., see Braginsky, V.B. 186 (1994) 18
Torri, M., see Ferrando, R. 186 (1994) 415
Tran Anh Tuan, see Hoang Ngoc Long 186 (1994) 382
Tsai, A.-P., see Zhang, G.W. 186 (1994) 345

Vakhnenko, O.O., Intrinsic vibrations of the planar orientation–translational stripe-structures 186 (1994) 213
Vlachos, K. and A. Okopińska, Optimized perturbation methods for the free energy of the anharmonic oscillator 186 (1994) 375

Wang, C., see Zhu, S. 186 (1994) 245

Wu, Z., T. Yu and H. Zhou, Geometry of quantal adiabatic evolution driven by a non-Hermitian Hamiltonian 186 (1994) 59

Yang, R.Q., Phase time delay for interband tunneling in leaky quantum wells 186 (1994) 339
Yu, S., see Fan, H. 186 (1994) 74
Yu, T., see Wu, Z. 186 (1994) 59
Yuan, S.X., see Zhang, S.L. 186 (1994) 433

Zakaullah, M., see Beg, M.M. 186 (1994) 335
Zaks, M.A., Double-exponential scaling in sequences of m-tuplings with non-integer m for unimodal mappings 186 (1994) 323
Zhai, X., E. Garate, R. Prohaska, A. Fisher and G. Benford, Electric field measurement in a plasma-filled X-band backward wave oscillator 186 (1994) 330
Zhang, D., B. Li and Y. Li, The exact solution of the Ising quantum chain with alternating single and sector defects 186 (1994) 47
Zhang, G.W., Z.M. Stadnik, A.-P. Tsai and A. Inoue, Photoemission study of $Al_{70}Pd_{20}Mn_{10}$ quasicrystal 186 (1994) 345
Zhang, S.L., Y.T. Hou, K.S. Ho, Z.L. Peng, J. Li and S.X. Yuan, Raman selection rules in short-period-superlattice multiple quantum wells 186 (1994) 433
Zhang, X., see Han, Z. 186 (1994) 265
Zhao, Z.X., see Zhu, W.J. 186 (1994) 364
Zhou, C., see Zhu, S. 186 (1994) 245
Zhou, H., see Wu, Z. 186 (1994) 59
Zhu, S., C. Wang and C. Zhou, The influence of limiter biasing on the magnetic fluctuations in the KT-5C tokamak plasma 186 (1994) 245
Zhu, W.J., Y.Z. Huang and Z.X. Zhao, Possible origin of the sharp drops of resistivity around 250 K in superconducting Hg-compounds 186 (1994) 364
Zotova, I.V., see Ginzburg, N.S. 186 (1994) 235